

LEFT-TURN STORAGE LANE POLICY

GENERAL

Separate left-turn storage lanes will be required by major traffic generators on two-lane, two-way roadways and divided highways when warranted under the terms in this policy.

When it is determined that a project located on a divided highway will generate a sufficient number of left turns to warrant the construction of a left turn lane but it is impossible or undesirable to locate the entrance-exit opposite an existing crossover or provide a new crossover, it will be the responsibility of the applicant to construct a left turn lane at the locations designated by the Department to facilitate the U-turns which will be required in lieu of the left turn. This requirement applies to U-turns from either or both entering and exiting traffic.

WARRANTS

A separate left-turn storage lane will be required for commercial, industrial, and residential street entrances located on undivided highways when warranted in accordance with the warrants for left turns lanes found in Section IV. Median left-turn lanes (or improvements to existing left-turn lanes) may be required to be added to an existing crossover on divided highways where the traffic generated by a new entrance will result in more than 30 left-turns during any hourly period at any given existing crossover. The Applicant will only be responsible for the portion of the left-turn lane required to accommodate the traffic generated by his site. Left-turn storage lanes may be required when physical characteristics restrict sight distance below AASHTO Standards.

DESIGN OF LEFT-TURN STORAGE LANES

- (1) Two-lane, two-way roadways - See Typical Design found in Section IV.
- (2) Divided Highway - See Typical Design found in Section IV.
- (3) The pavement design for all left turn lanes on two-lane, two-way roadways shall be comparable in design to the existing travel way.
- (4) The normal pavement design for left turn lane on divided highway shall be at least 3" Hot-Mix on 7" CR-1.

CONSTRUCTION AND MAINTENANCE

New crossovers including median left-turn lanes on existing divided highways and newly constructed left-turn storage lanes including the by-pass lane on non-divided highways shall be constructed by private property owners, businesses and developers, when the traffic volumes generated by the land development conform to the warrants outlined in this policy.

The access plan shall include construction plans for any required new crossovers, left-turn storage lanes and by-pass lane. Any drainage facilities required by the construction will also be shown. After the construction has been completed to the satisfaction of the Department, the Department will assume ownership and maintenance of said construction.